



### Solar & Utility Hybrid Charge Control Power inverter-

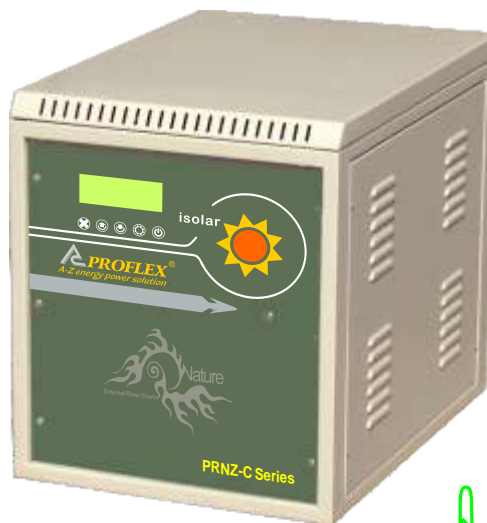
That is pure sine wave inverter built-in solar controller with electricity charge function

## Solar first or AC first optional

- Integrated solar charge, mains charge and inverter function,
- Power frequency circuit design, pure sine wave output, support the inductive load impact start;
- Digital signal processing chip intelligent management, the system go with high reliability;
- LCD display, can be intuitive display machine all operation parameters
- Low power consumption, high conversion efficiency, make full use of solar energy;
- With output short-circuit, overload, DC over voltage, undervoltage, overheating protection function etc;
- Battery over voltage, under voltage protection after recovery can be automatically restart, meet the requirements of the unattended site;
- Solar input switch, battery input switch, mains input/output can be reset by recovery fuse (quick start)



PRNZ-500C~PRNZ-3000C



PRNZ-4000C~PRNZ-6250C

**Product application:**

Off-grid home solar power generation system, meet various load use, including TV, computer, printer, electric fan, hair dryer, electric kettle, electric tools, refrigerators, washing machines, humidifier, air conditioning, microwave oven and household electronic equipment such as charging etc.



Name	Solar & Utility Hybrid Charge Control Power Inverter							
Model No.	PRNZ-500C	PRNZ-1000C	PRNZ-1500C	PRNZ-2000C	PRNZ-3000C	PRNZ-4000C	PRNZ-5000C	PRNZ-6250C
DC voltage	DC 24V	DC 24V	DC 48V	DC 48V	DC 48V	DC 48V	DC 48V	DC 48V
Solar charge controller	24V 20A	24V 30A	48V 30A	48V 40A	48V 60A	48V 80A	48V 120A	48V 120A
Utility charger	24V 15A	24V 20A	48V 20A	48V 30A	48V 30A	48V 30A	48V 30A	48V 50A
Limited Max. Wp Of Solar Panel	480Wp	750Wp	1200Wp	1500Wp	2400Wp	3600Wp	4800Wp	5400Wp
Controller over voltage protection	29-30V	29-30V	58-60V	58-60V	58-60V	58-60V	58-60V	58-60V
Inverter output power capacity	400W	800W	1200W	1600W	2400W	3200W	4000W	5000W
Battery low voltage protection	20V±0.5V	20V±0.5V	40±0.5V	40±0.5V	40±0.5V	40±0.5V	40±0.5V	40±0.5V
Controller voltage drop					< 5%			
Static loss					< 1%			
Protection function	Over Temperature, Overload, Short circuit, Battery over charge, discharge protection							
Environment	-10°C~50°C <90% RH							
Dimension	42 x 37 x 20 cm						51 x 38 x 40 cm	
Net Weight	14kg	16kg	18kg	28kg	34kg	43kg	48kg	63kg
Packing Size	49 x 41 x 27 cm						61 x 48 x 48 cm	
Gross Weight	15kg	17kg	20kg	30kg	36kg	45kg	50kg	65kg